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POINTING DEVICE AND ITS INPUT METHOD

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ABSTRACT

PURPOSE: To attain the application of a pointing device despite the movement of a user and plural display screens by specifying the position of a visual point on a display screen based on the information on the visual point of an eye camera and the information on the mark obtained via a visual field camera.

CONSTITUTION: A camera signal processor 1601 obtains the position coordinates of a visual point within a display screen 1001 based on the signals of an eye camera 1401 and a visual field camera 1501. At the same time, a subject specifying device 1701 specifies a subject on the display screen gazed steadily by a user based on the screen data under display on the screen 1001. An input analyzing device 2001 analyzes the inputs received from a mike 1901 and a keyboard 1801 based on the input analysis data 2101. These analysis results are sent to a general processor 2201. The processor 2201 sends the information on the analysis results and the gazed subject to a computer 2301.